AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (canceled).

2. (canceled).

3. (canceled).

4. (currently amended): A radial spherical crystallization product obtained by emitting ~~a supercritical fluid or~~ a mixture of ~~a supercritical fluid~~carbon dioxide and ~~a modifier~~ethanol and a solution comprising a sample component into a crystallization vessel through different flow channels to cause them to come in contact with each other as they are emitted into the crystallization vessel, wherein the sample component is a drug carrier, and wherein

(i) the flow rate of ethanol is ¼ of the flow rate of carbon dioxide,

(ii) the mixture of carbon dioxide and ethanol is a poor solvent for the sample component, and

(iii) a nozzle used to emit the mixture of carbon dioxide and ethanol, and the solution comprising the sample component is a v-shaped nozzle.

5. (canceled). ~~The radial spherical crystallization product according to claim 4, wherein the supercritical fluid or the mixture of the supercritical fluid and a modifier is a poor solvent for the sample component.~~

6. (canceled).

7. (canceled).

8. (previously presented): The radial spherical crystallization product according to claim 4, wherein the drug carrier is a sugar or sugar alcohol.

9. (canceled). ~~The radial spherical crystallization product according to claim 4, wherein the supercritical fluid is carbon dioxide.~~

10. (canceled). ~~The radial spherical crystallization product according claim 4, wherein the modifier is ethanol.~~

11. (canceled).

12. (canceled).

13. (withdrawn/currently amended): A method for manufacturing a radial spherical crystallization product comprising injecting ~~a supercritical fluid or~~ a mixture of ~~a supercritical fluid~~carbon dioxide and ~~a modifier~~ethanol and a solution comprising a sample component into a crystallization vessel through different flow channels to cause them to come in contact with each other as they are emitted into the crystallization vessel, wherein the sample component is a drug carrier, and wherein

(i) the flow rate of ethanol is ¼ of the flow rate of carbon dioxide,

(ii) the mixture of carbon dioxide and ethanol is a poor solvent for the sample component, and

(iii) a nozzle used to emit the mixture of carbon dioxide and ethanol, and the solution comprising the sample component is a v-shaped nozzle.

14. (canceled). ~~The method for manufacturing a radial spherical crystallization product according to claim 13, wherein the supercritical fluid or the mixture of the supercritical fluid and a modifier is a poor solvent for the sample component.~~

15. (canceled).

16. (canceled).

17. (withdrawn): The method for manufacturing a radial spherical crystallization product according to claim 13, wherein the drug carrier is a sugar or sugar alcohol.

18. (canceled). ~~The method for manufacturing a radial spherical crystallization product according to claim 13, wherein the supercritical fluid is carbon dioxide.~~

19. (canceled). ~~The method for manufacturing a radial spherical crystallization product according to claim 13, wherein the modifier is ethanol.~~

20. (previously presented): A dry powder inhaler comprising the radial spherical crystallization product according to claim 4 or claim 8, mixed with a pharmaceutical drug.

21. (previously presented): A dry powder inhaler comprising the radial spherical crystallization product according to claim 4 or 8.

22. (previously presented): A mixture of the radial spherical crystallization product of claim 4 or 8 and a pharmaceutical drug.